

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 10/586,124  
Source: IFWP  
Date Processed by STIC: 7/26/06

***ENTERED***



IFWP

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/586,124

DATE: 07/26/2006

TIME: 13:46:13

Input Set : A:\5189.ST25.txt  
 Output Set: N:\CRF4\07262006\J586124.raw

3 <110> APPLICANT: Bayer Pharmaceuticals Corporation  
 4 Clairmont, Kevin  
 5 Lumb, Kevin  
 6 Buckholz, Thomas  
 7 Salhanick, Arthur  
 9 <120> TITLE OF INVENTION: PITUITARY ADENYLYLATE CYCLASE ACTIVATING PEPTIDE (PACAP)

## RECEPTOR

10 (VPAC2) AGONISTS AND THEIR PHARMACOLOGICAL METHODS OF USE  
 12 <130> FILE REFERENCE: 5189

C--> 14 <110> CURRENT APPLICATION NUMBER: US/10/586,124

C--> 14 <141> CURRENT FILING DATE: 2006-07-14

14 <150> PRIOR APPLICATION NUMBER: US 60/539,550

15 <151> PRIOR FILING DATE: 2004-01-27

17 <150> PRIOR APPLICATION NUMBER: US 60/566,499

18 <151> PRIOR FILING DATE: 2004-04-29

20 <160> NUMBER OF SEQ ID NOS: 155

22 <170> SOFTWARE: PatentIn version 3.3

24 <210> SEQ ID NO: 1

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26 <212> TYPE: PRT

27 <213> ORGANISM: Homo sapiens

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31 <221> NAME/KEY: MOD\_RES

32 <222> LOCATION: (1)..(31)

33 <223> OTHER INFORMATION: ACETYLATION

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53 <222> LOCATION: (1)..(31)

54 <223> OTHER INFORMATION: ACETYLATION

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59 1 5 10 15

62 Met Ala Ala Lys Lys Tyr Leu Gln Ser Ile Lys Gln Lys Arg Tyr

63 20 25 30

66 <210> SEQ ID NO: 3

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142 His Ser Asp Ala Val Phe Thr Asp Gln Tyr Thr Arg Leu Arg Lys Gln  
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163 His Ser Asp Ala Val Phe Thr Asp Gln Tyr Thr Arg Leu Arg Lys Gln  
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167 Leu Ala Ala Lys Lys Tyr Leu Gln Thr Ile Lys Gln Lys Arg Tyr  
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184 His Ser Asp Ala Val Phe Thr Asp Gln Tyr Thr Arg Leu Arg Lys Gln  
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222 <223> OTHER INFORMATION: ACETYLATION

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289 His Ser Asp Ala Val Phe Thr Asp Gln Tyr Thr Arg Leu Arg Lys Gln  
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299 <212> TYPE: PRT  
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381 <210> SEQ ID NO: 18  
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**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/586,124

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L:14 M:270 C: Current Application Number differs, Replaced Current Application No

L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date